

# INFORMATION DISCLOSURE CITATION

PTO-1449

Complete if Known

Application No.	Unknown
Filing Date	March 31, 2004
First Named Inventor	Dennis R. Berman
Group Art Unit	Unknown
Atty. Docket No.	TRV03-0001-1
Page Number	1 of 3

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CH	5,002,491	03/26/91	Abrahamson et al.	<del>434</del>	<del>322</del>	04/28/89
CH	5,267,865	12/07/93	Lee et al.	<del>434</del>	<del>360</del>	02/11/92
CH	5,310,349	05/10/94	Daniels et al.	<del>434</del>	<del>350</del>	04/30/92
CH	5,441,415	08/15/95	Lee et al.	<del>434</del>	<del>350</del>	12/06/93
CH	5,616,033	04/01/97	Kerwin	<del>434</del>	<del>118</del>	08/03/94
CH	5,692,906	12/02/97	Corder	<del>434</del>	<del>156</del>	06/07/95
CH	5,788,508	08/04/98	Lee et al.	<del>434</del>	<del>350</del>	06/07/95
CH	5,810,605	09/22/98	Siefert	<del>434</del>	<del>362</del>	11/04/94
CH	5,823,788	10/20/98	Lemelson et al.	<del>434</del>	<del>350</del>	11/13/95
CH	5,957,699	09/28/99	Peterson et al.	<del>434</del>	<del>350</del>	12/22/97
CH	5,978,648	11/02/99	George et al.	<del>434</del>	<del>382</del>	03/06/97
CH	6,024,577	02/15/00	Wadahama et al.	<del>434</del>	<del>322</del>	11/04/97
CH	6,125,358	09/26/00	Hubbell et al.	<del>706</del>	<del>11</del>	12/22/98
CH	6,146,148	11/14/00	Stuppy	<del>434</del>	<del>322</del>	03/25/99
CH	6,148,174	11/14/00	Remschel	<del>434</del>	<del>350</del>	11/14/97
CH	6,149,438	11/21/00	Richard et al.	<del>434</del>	<del>322</del>	06/07/95
CH	6,149,441	11/21/00	Pellegrino et al.	<del>434</del>	<del>350</del>	11/06/98
CH	4,958,284	09/18/90	Bishop et al.	<del>364</del>	<del>419</del>	12/06/88
CH	5,002,865	03/26/91	Kumashiro et al.	<del>430</del>	<del>558</del>	02/26/90
CH	5,011,413	04/30/91	Ferris et al.	<del>434</del>	<del>350</del>	07/19/89
CH	5,987,302	11/16/99	Driscoll et al.	<del>434</del>	<del>353</del>	03/20/98
CH	6,115,683	09/05/00	Burstein et al.	<del>704</del>	<del>001</del>	03/31/97
CH	6,120,297	09/19/00	Morse, III et al.	<del>434</del>	<del>109</del>	08/25/98
CH	6,168,440	01/02/01	Clark et al.	<del>434</del>	<del>322</del>	08/28/98
CH	6,181,909	01/30/01	Burstein et al.	<del>434</del>	<del>353</del>	07/22/98
CH	6,226,611	05/01/01	Neumeyer et al.	<del>704</del>	<del>246</del>	01/26/00

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CH	6,254,395	07/03/01	Breland et al.	<del>434</del>	<del>156</del>	04/12/99
CH	6,282,404	08/28/01	Linton	<del>434</del>	<del>350</del>	9/22/99
CH	6,287,123	09/11/01	O'Brien	<del>434</del>	<del>118</del>	03/29/99
CH	6,292,792	09/18/01	Baffes et al.	<del>706</del>	<del>45</del>	03/26/99
CH	6,295,439	09/25/01	Bejar et al.	<del>434</del>	<del>350</del>	3/21/97
CH	6,302,698	10/16/01	Ziv-El	<del>434</del>	<del>323</del>	02/16/99
CH	6,311,040	10/30/01	Kucinski et al.	<del>434</del>	<del>350</del>	07/31/97
CH	6,343,935	02/05/02	Clements	<del>434</del>	<del>156</del>	03/01/00
CH	5,696,962	12/09/97	Kupiec	<del>395</del>	<del>604</del>	05/08/96
CH	5,987,443	11/16/99	Nichols et al.	<del>706</del>	<del>11</del>	12/22/98
CH	6,411,924	06/25/02	de Hita et al.	<del>704</del>	<del>9</del>	01/23/98
CH	5,597,312	01/28/97	Bloom et al.	<del>434</del>	<del>302</del>	05/04/94
CH	6,470,170	10/22/02	Chen et al.	<del>434</del>	<del>350</del>	05/16/01
CH	6,554,618	04/29/03	Lockwood	<del>434</del>	<del>322</del>	04/20/01
CH	5,307,266	04/26/94	Hayashi et al.	<del>364</del>	<del>419.07</del>	08/07/91
CH	5,689,716	11/18/97	Chen	<del>395</del>	<del>761</del>	04/14/95
CH	5,694,523	12/02/97	Wical	<del>395</del>	<del>12</del>	05/31/95
CH	5,708,822	01/13/98	Wical	<del>395</del>	<del>751</del>	05/31/95
CH	6,029,043	02/22/00	Ho et al.	<del>434</del>	<del>350</del>	01/29/98
CH	6,160,987	12/12/00	Ho et al.	<del>434</del>	<del>350</del>	12/29/99
CH	6,208,832	03/27/01	Remschel	<del>434</del>	<del>350</del>	11/14/97
CH	5,475,588	12/12/95	Schabes et al.	<del>364</del>	<del>419.08</del>	06/18/93
CH	5,519,608	05/21/96	Kupiec	<del>364</del>	<del>419.08</del>	06/24/93
CH	5,528,491	06/18/96	Kuno et al.	<del>364</del>	<del>419.08</del>	08/31/92
CH	5,768,580	06/16/98	Wical	<del>395</del>	<del>613</del>	05/31/95
CH	6,199,034	03/06/01	Wical	<del>704</del>	<del>9</del>	04/14/98

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CH	5,002,491	03/26/91	Abrahamson et al.	<del>434</del>	<del>322</del>	04/28/89
CH	6,067,538	05/23/00	Zorba et al.	<del>706</del>	<del>47</del>	12/22/98
CH	6,164,974	12/26/00	Carlike et al.	<del>434</del>	<del>322</del>	03/27/98
CH	6,256,399	07/03/01	Poor	<del>382</del>	<del>100</del>	09/27/99
CH	6,267,601	07/31/01	Jongsma et al.	<del>434</del>	<del>323</del>	12/05/97
CH	6,356,864	03/12/02	Foltz et al.	<del>704</del>	<del>1</del>	07/23/98
CH	6,493,690	12/10/02	Bertrand et al.	<del>706</del>	<del>46</del>	02/10/00
CH	6,584,470	06/24/03	Veale	<del>707</del>	<del>102</del>	03/01/01
CH	4,833,610	05/23/89	Zamora et al.	<del>364</del>	<del>419</del>	03/07/88
CH	5,168,565	12/01/92	Morita	<del>395</del>	<del>600</del>	01/13/89
CH	5,265,065	11/23/93	Turtle	<del>395</del>	<del>600</del>	10/08/91
CH	5,325,465	06/28/94	Hung et al.	<del>396</del>	<del>63</del>	03/04/92
CH	5,463,773	10/31/95	Sakakibara et al.	<del>395</del>	<del>600</del>	05/25/93
CH	6,173,251	01/09/01	Ito et al.	<del>704</del>	<del>7</del>	07/28/98
CH	6,345,270	02/05/02	Tanaka	<del>707</del>	<del>4</del>	03/19/98
CH	6,553,382	04/22/03	Hatori	<del>707</del>	<del>102</del>	03/14/96
CH	4,817,036	03/28/89	Millett et al.	<del>364</del>	<del>900</del>	03/15/85
CH	5,384,703	01/24/95	Withgott et al.	<del>364</del>	<del>419.19</del>	07/02/93
CH	5,424,947	06/13/95	Nagao et al.	<del>364</del>	<del>419.08</del>	06/12/91
CH	5,442,780	08/15/95	Takanashi et al.	<del>395</del>	<del>600</del>	07/08/92

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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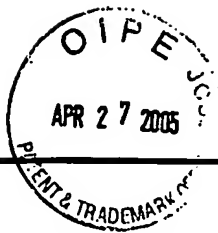
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Application No.	10/815,341
Filing Date	3/31/2004
First Named Inventor	Dennis R. Berman
Group Art Unit	3714
Atty. Docket No.	TRV03-0001-1

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

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EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<u>          </u>	Spaced repetition – Wikipedia. Retrieved from the Internet on April 26, 2005: <URL: <a href="http://en.wikipedia.org/wiki/Spaced_repetition">http://en.wikipedia.org/wiki/Spaced_repetition</a> >.
<u>          </u>	FullRecall. Retrieved from the Internet on April 25, 2005: <URL: <a href="http://www.fullrecall.com">http://www.fullrecall.com</a> >.
<u>          </u>	Super Memory. Retrieved from the Internet on April 25, 2005: <URL: <a href="http://www.supermemo.com">http://www.supermemo.com</a> >.

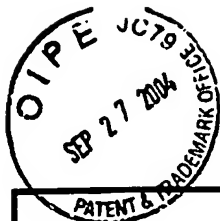
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Group Art Unit	3713
Atty. Docket No.	TRV03-0001-1

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
CH	3,566,482	03/02/71	Morchand			10/24/68
CH	3,606,688	09/24/71	Zawels et al.			07/11/69
CH	3,671,668	06/20/72	Reiffel			11/18/68
CH	3,715,811	02/13/73	Thompson et al.	<del>434</del>	<del>340</del>	10/13/70
CH	4,289,313	09/15/81	Delamontagne	<del>273</del>	<del>256</del>	09/07/79
CH	4,416,454	11/22/83	Delamontagne	<del>273</del>	<del>243</del>	07/02/81
CH	4,895,518	01/23/90	Arnold et al.	<del>434</del>	<del>418</del>	11/02/87
CH	5,033,969	07/23/91	Kamimura	<del>434</del>	<del>322</del>	03/13/90
CH	5,112,064	05/12/92	Weedman	<del>273</del>	<del>429</del>	12/19/90
CH	5,246,375	09/21/93	Goede	<del>434</del>	<del>236</del>	11/15/91
CH	5,314,340	05/24/94	Gaddis	<del>434</del>	<del>327</del>	10/30/90
CH	5,511,793	04/30/96	Watt	<del>273</del>	<del>260</del>	06/08/92
CH	5,540,589	07/30/96	Waters	<del>434</del>	<del>156</del>	04/11/94
CH	5,632,624	05/27/97	Cameron et al.	<del>434</del>	<del>322</del>	09/22/93
CH	5,749,736	05/12/98	Griswold et al.	<del>434</del>	<del>322</del>	05/31/96
CH	5,863,208	01/26/99	Ho et al.	<del>434</del>	<del>362</del>	07/02/96
CH	5,885,087	03/23/99	Thomas	<del>434</del>	<del>323</del>	03/03/97
CH	6,077,085	06/20/00	Parry et al.	<del>434</del>	<del>322</del>	05/19/98
CH	6,086,382	07/11/00	Thomas	<del>434</del>	<del>323</del>	02/22/99
CH	6,461,166	10/08/02	Berman	<del>434</del>	<del>323</del>	10/17/00

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CH	CROWDER, NORMAN A., Arithmetic of Computers. An Introduction to Binary and Octal Mathematics. A Tutor Text, 1958, pp i-iv and 1-18, Doubleday & Company, Garden City, NY.

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CH	3,408,749	Nov. 5, 1968	Brudner			April 11, 1967
CH	3,715,811	Feb. 13, 1973	Thompson et al.	<del>35</del>	<del>48</del>	Oct. 13, 1970

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